

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1           1.       (Previously Presented) A device for collecting viable gas-borne matter  
2 comprising:  
3                   an inlet;  
4                   an outlet;  
5                   a plate provided intermediate the inlet and the outlet and having a first surface  
6 facing the inlet and a second surface facing the outlet; and  
7                   a substance provided on the first surface of the plate for capturing viable matter  
8 carried in a gas drawn through the inlet;  
9                   wherein the substance is configured to maintain the viable matter in a living state  
10 without promoting growth of the viable matter and comprises a hydrocolloid and at least one  
11 nutrient.

1           2.       (Original) The device of claim 1, wherein the substance is at least one of a gel  
2 and a semi-solid material.

1           3.       (Original) The device of claim 2, wherein the substance is relatively colorless.

1           4.       (Cancelled)

1           5.       (Cancelled)

1           6.       (Currently Amended) The device of claim [[5]] 1, wherein the ~~algal-type~~  
2 hydrocolloid ~~materials comprise~~ comprises at least one of agar, carrageenan, and alginate.

1           7.       (Currently Amended) The device of claim [[5]] 1, wherein the ~~botanical-type~~  
2 hydrocolloid ~~materials comprise~~ comprises at least one of arabic, karaya, guar, locust tara,

3 tamarind, daraya, ghatti, tragacanth, cellulose, starch, pectin, knonjac, glactomannans,  
4 xyloglucan, and combinations thereof.

1 8. (Currently Amended) The device of claim [[5]] 1, wherein the ~~microbial-type~~  
2 hydrocolloid ~~materials comprise~~ comprises at least one of curdlan, dextran, gellan, B-glucans,  
3 chitosan, alginates, inulin, CRC biopolymer, and combinations thereof.

1 9. (Currently Amended) The device of claim [[5]] 1, wherein the ~~animal-type~~  
2 hydrocolloid ~~materials comprise~~ comprises at least one of gelatin, caseinate, whey, and chitosan.

1 10. (Previously Presented) The device of claim 1, wherein the nutrient is one of a  
2 sugar, a cell culture serum, an amino acid, and a blood lipid.

1 11. (Original) The device of claim 10, wherein the nutrient is selected from the group  
2 consisting of glucose, sucrose, bovine serum, glutamic acid, albumin, hemoglobin, charcoal,  
3 sodium glycerophosphate, mercaptoacetic acid, sodium chloride, potassium citrate, potassium  
4 chloride, calcium chloride, magnesium chloride, monopotassium phosphate, disodium phosphate,  
5 sodium thioglycollate, L-cysteine hydrochloric, peptone, sodium phosphate, potassium  
6 phosphate, and combinations thereof.

1 12. (Previously Presented) The device of claim 1, wherein the nutrient also acts as a  
2 pH buffer.

1 13. (Previously Presented) The device of claim 1, wherein the substance further  
2 comprises at least one of a humectant, water, and an anti-bacterial agent.

1 14. (Original) The device of claim 13, wherein the humectant is selected from the  
2 group consisting of mineral oil, plant oil, peanut oil, soybean oil, vegetable oil, corn oil,  
3 molasses, honey, corn syrup, fruitrim, invertase, invert sugar, glycerin, Triacetin, an  
4 hydrogenated glucose syrup, a polydextrose nutrient, and combinations thereof.

1           15.     (Original) The device of claim 13, wherein the anti-bacterial agent is selected  
2     from propylene glycol, vancomycin, and combinations thereof.

1           16.     (Original) The device of claim 13, wherein the substance further comprises an  
2     antifungal.

1           17.     (Original) The device of claim 1, wherein the substance may be stored without  
2     refrigeration between approximately 12 to 24 months.

1           18.     (Original) The device of claim 1, wherein the substance is configured to allow  
2     removal of the viable matter from the substance in a liquid.

1           19.     (Original) The device of claim 18, wherein the liquid is water.

1           20.     (Original) The device of claim 1, wherein the viable matter comprises at least one  
2     of insects, insect parts, and skin cells.

1           21.     (Original) The device of claim 1, wherein the viable matter comprises a virus.

1           22.     (Original) The device of claim 1, wherein the viable matter comprises bacteria.

1           23.     (Original) The device of claim 1, wherein the inlet is configured for coupling to a  
2     device configured to remove matter from the gas before the gas enters the inlet.

1           24.     (Original) The device of claim 1, wherein the device is configured for coupling to  
2     an exterior surface of a sampling device.

1           25.     (Original) The device of claim 1, wherein the device comprises a top portion  
2     including the inlet and a bottom portion including the outlet, wherein the device is adapted to  
3     allow decoupling of the top portion and the bottom portion to remove the plate.

1           26.     (Original) The device of claim 1, wherein the device is a single-use product that  
2     is discarded after capturing viable matter.

1           27.     (Original) The device of claim 1, wherein the device includes a second inlet,  
2 wherein the inlets are provided at different locations in relation to the suspension medium.

1           28.     (Original) The device of claim 1, wherein the plate is made of at least one of  
2 glass, porous glass fibers, a ceramic material, a porous polymeric material, and a metal.

1           29.     (Previously Presented) A collection device for use in sampling gas that contains  
2 viable matter comprising:

3                   a suspension medium for preserving viable matter in a living state without  
4 promoting growth of the viable matter; and

5                   means for directing a flow of gas toward the suspension medium;

6                   wherein the suspension medium is configured for capturing viable matter included  
7 in the gas as the gas is drawn through the means for directing a flow of gas and comprises a  
8 hydrocolloid and at least one nutrient.

1           30.     (Original) The collection device of claim 29, wherein the means for directing a  
2 flow of gas comprises an inlet.

1           31.     (Original) The collection device of claim 30, wherein the inlet tapers from a top  
2 of the inlet to a bottom of the inlet.

1           32.     (Original) The collection device of claim 31, wherein the bottom of the inlet has a  
2 rectangular shape when viewed in the axial direction.

1           33.     (Previously Presented) The collection device of claim 29, wherein the suspension  
2 medium is a gel or a semisolid material.

1           34.     (Original) The collection device of claim 29, wherein the suspension medium is  
2 configured to preserve the viable matter without promoting further maturation of the viable  
3 matter.

1           35.     (Original) The collection device of claim 29, wherein the suspension medium  
2 includes a humectant, an anti-bacterial agent, and a hydrocolloid.

1           36.     (Original) The collection device of claim 29, wherein the suspension medium  
2 comprises water and at least one of mineral oil, glycerin, galatin, and carageenan.

1           37.     (Original) The collection device of claim 29, wherein the suspension medium  
2 comprises water and at least one of gellan, glycerin, calcium chloride, a polyol, honey, corn  
3 syrup, and pectin.

1           38.     (Original) The collection device of claim 29, wherein the viable matter comprises  
2 at least one of a bacterium and a virus.

1           39.     (Original) The collection device of claim 29, wherein the viable matter comprises  
2 at least one of a anthrax, an insect, an insect part.

1           40.     (Original) The collection device of claim 29, wherein the collection device is a  
2 cassette having a top portion and a bottom portion and a plate provided within the cassette,  
3 wherein the top portion and bottom portion may be separated to remove the plate.

1           41-65 (Cancelled)

1           66.     (Cancelled)

1           67.     (Currently Amended) The device of claim [[66]] 1, wherein the ~~microbial type~~  
2 hydrocolloid ~~material comprises~~ comprises at least one of curdlan, xanthan, dextran, gellan, B-  
3 glucans, chitosan, alginates, inulin, and CRC biopolimer.

1           68.     (Previously Presented) The device of claim 1, wherein the nutrient is a protein.

1           69.     (Previously Presented) The device of claim 13, wherein the humectant is a polyol.

1           70.   (Previously Presented) The device of claim 13, wherein the anti-bacterial agent is  
2 chloramphenicol.

1           71.   (Previously Presented) The device of claim 1, wherein the viable matter  
2 comprises mold spores.

1           72.   (Previously Presented) The collection device of claim 29, wherein the suspension  
2 medium comprises water and starch.

1           73.   (Previously Presented) The collection device of claim 29, wherein the viable  
2 matter comprises a mold spore.

1           74.   (Previously Presented) A collection device for gas-borne viable matter  
2 comprising:

3                   a plate;

4                   a substance provided on the plate and comprising a hydrocolloid material and at  
5 least one nutrient for capturing viable matter and maintaining the viable matter in a living state  
6 without promoting growth; and

7                   an inlet for directing a gas including the viable matter toward the substance.

1           75.   (Currently Amended) The collection device of claim 74, wherein the hydrocolloid  
2 material ~~is a microbial type hydrocolloid material~~ includes at least one material selected from the  
3 group consisting of curdlan, xanthan, dextran, gellan, B-glucans, chitosan, alginates, inulin, and  
4 CRC biopolumer.

1           76.   (Previously Presented) The collection device of claim 74, wherein the substance  
2 further comprises a humectant.

1           77.   (Previously Presented) The collection device of claim 76, wherein the humectant  
2 is a polyol and the nutrient is a protein.

1           78.   (Previously Presented) The collection device of claim 74, wherein the substance  
2 further comprises an anti-bacterial agent comprising chloramphenicol.

1           79.   (Previously Presented) The collection device of claim 74, wherein the substance  
2 is a gel.

1           80.   (Previously Presented) The collection device of claim 74, wherein the collection  
2 device is configured for coupling to a sampling device.

1           81.   (Previously Presented) The collection device of claim 74, wherein the collection  
2 device comprises a top portion comprising an inlet and a bottom portion removably coupled to  
3 the top portion.